Find the zeros by completing the square.

$x^2 - 4x + 10 = 0$ $\left(\frac{b}{2}\right)^2 = \left(\frac{-4}{2}\right)^2 = 4$

$(x^2 - 4x + 4) + 10 - 4 = 0$

$(x-2)^2 + 6 = 0$

$\sqrt{(x-2)^2} = \sqrt{-6}$

$x - 2 = \pm\sqrt{-1} \cdot \sqrt{6}$

$\boxed{x = 2 \pm i\sqrt{6}}$

$\boxed{\{2 + i\sqrt{6}, 2 - i\sqrt{6}\}}$